

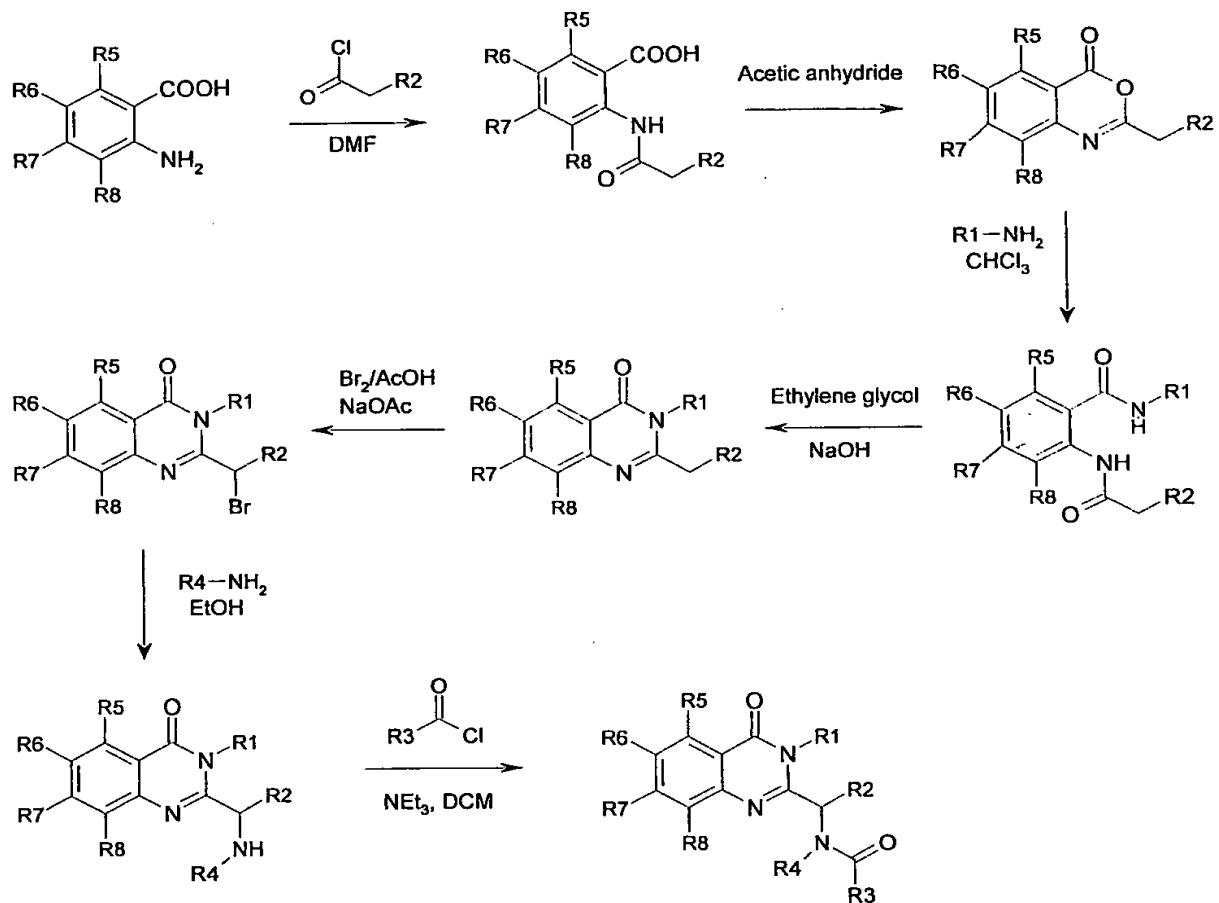
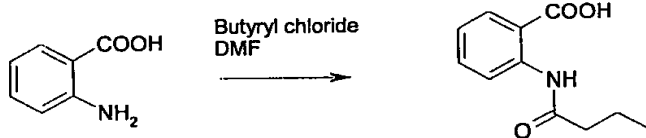
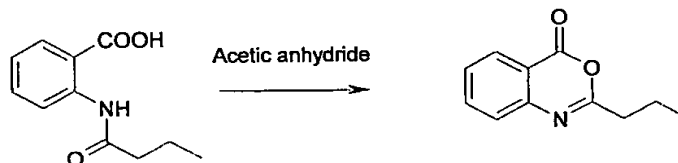
[illegible]

Figure 2

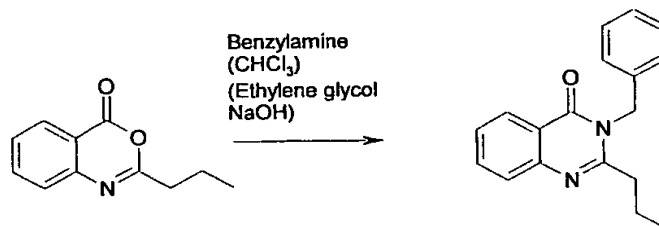
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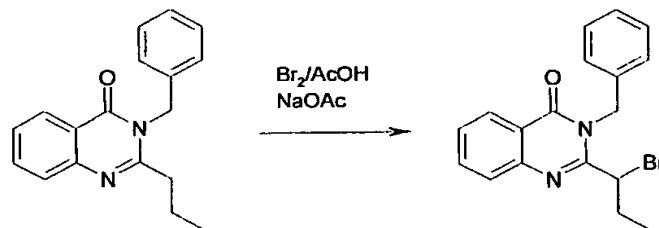
Step 2:



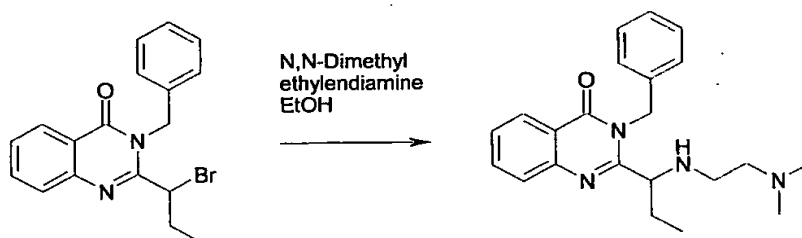
Step 3:



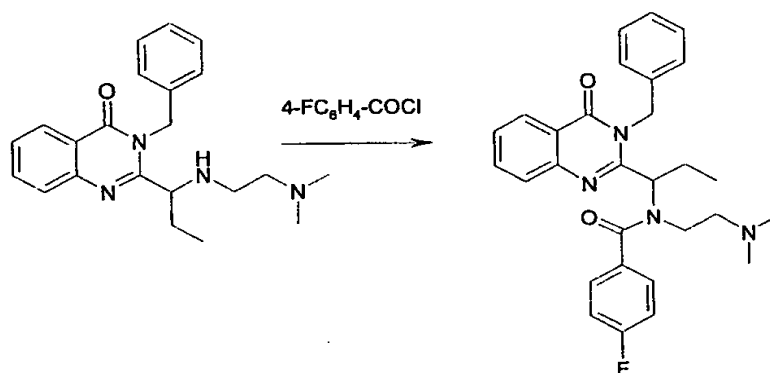
Step 4:



Step 5:



Step 6:



003217 Figure 3.2.6.0

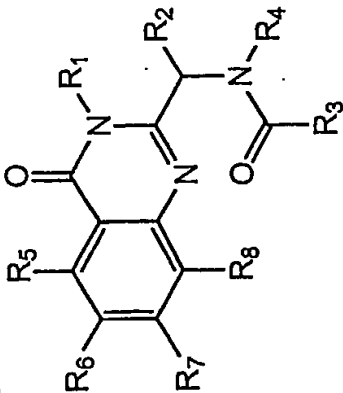

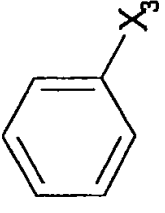
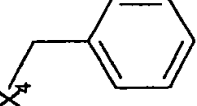
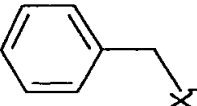
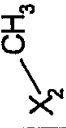
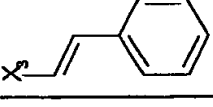
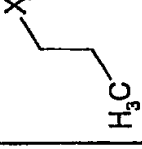
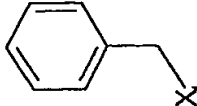

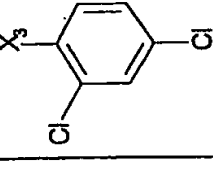
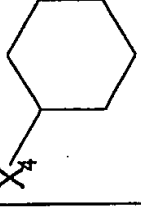
								
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
						Cl-X <sub>7</sub>		%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

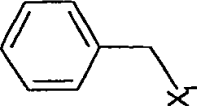

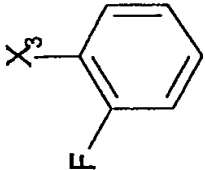
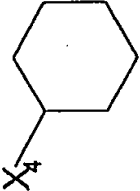
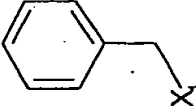


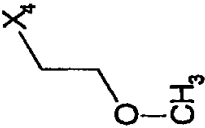
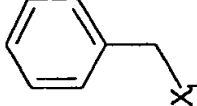

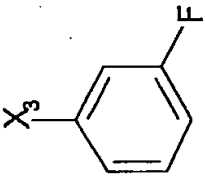
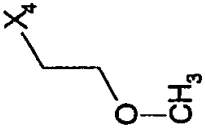
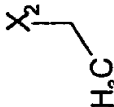
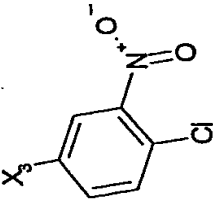
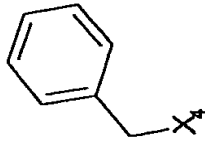

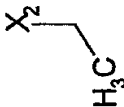
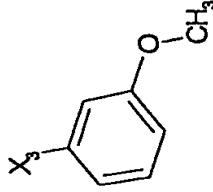
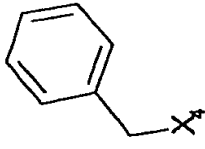

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM



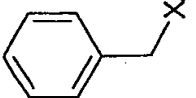

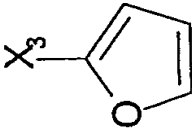
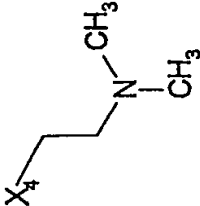
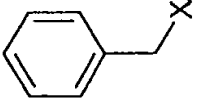

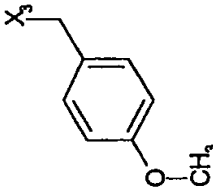
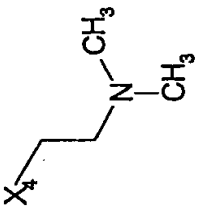
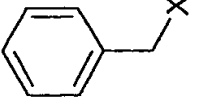

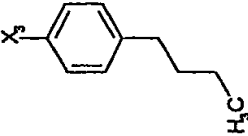
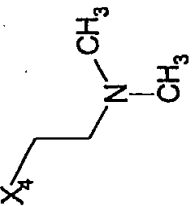
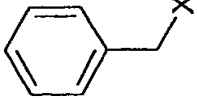

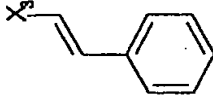
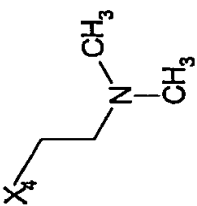
Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM



000000 Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
	$\begin{array}{c} \text{X}_2 \\   \\ \text{CH}_3 \end{array}$	$\begin{array}{c} \text{X}_3 \\   \\ \text{N} \\   \\ \text{C}_6\text{H}_4 \\   \\ \text{CH}_2 \\   \\ \text{H}_3\text{C} \end{array}$	$\begin{array}{c} \text{H}_3\text{C}-\text{N}-\text{CH}_3 \\   \\ \text{CH}_2 \\   \\ \text{CH}_2 \\   \\ \text{X}_4 \end{array}$			$\text{X}_7-\text{Cl}$		%I > 35% @ 40 $\mu\text{M}$
	$\begin{array}{c} \text{X}_2 \\   \\ \text{CH}_3 \end{array}$	$\begin{array}{c} \text{X}_3 \\   \\ \text{N} \\   \\ \text{C}_6\text{H}_4 \\   \\ \text{CH}_2 \\   \\ \text{H}_3\text{C} \end{array}$	$\begin{array}{c} \text{H}_3\text{C}-\text{N}-\text{CH}_3 \\   \\ \text{CH}_2 \\   \\ \text{CH}_2 \\   \\ \text{X}_4 \end{array}$			$\text{X}_7-\text{Cl}$		%I > 35% @ 40 $\mu\text{M}$
$\begin{array}{c} \text{C}_6\text{H}_5 \\   \\ \text{CH}_2 \\   \\ \text{X}_1 \end{array}$	$\begin{array}{c} \text{H}_3\text{C}-\text{CH}_2 \\   \\ \text{X}_2 \end{array}$	$\begin{array}{c} \text{X}_3 \\   \\ \text{N} \\   \\ \text{C}_6\text{H}_5 \end{array}$	$\begin{array}{c} \text{X}_4 \\   \\ \text{CH}_2 \\   \\ \text{CH}_2 \\   \\ \text{N}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}$					%I > 35% @ 40 $\mu\text{M}$
$\begin{array}{c} \text{C}_6\text{H}_5 \\   \\ \text{CH}_2 \\   \\ \text{X}_1 \end{array}$	$\begin{array}{c} \text{H}_3\text{C}-\text{CH}_2 \\   \\ \text{X}_2 \end{array}$	$\begin{array}{c} \text{X}_3 \\   \\ \text{N} \\   \\ \text{C}_6\text{H}_4 \\   \\ \text{CH}_2 \\   \\ \text{H}_3\text{C} \end{array}$	$\begin{array}{c} \text{X}_4 \\   \\ \text{CH}_2 \\   \\ \text{CH}_2 \\   \\ \text{N}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}$					%I > 35% @ 40 $\mu\text{M}$

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	H <sub>3</sub> C-X <sub>2</sub>							%I > 35% @ 40 uM
	X2-CH2-CH3							%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1: Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Table 1 Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM



Figure 3 (continued)


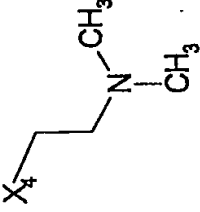
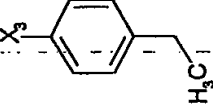
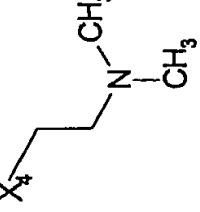
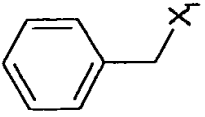
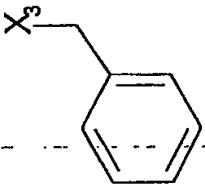
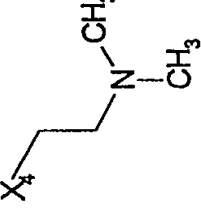
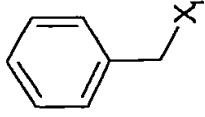
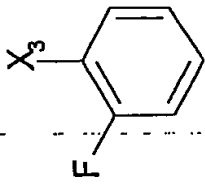
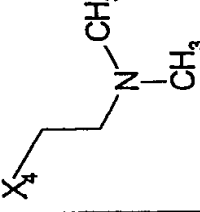
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
$\text{H}_3\text{C}-\text{X}_1$	$\text{H}_3\text{C}-\text{X}_2$					$\text{X}_7-\text{Cl}$		%I > 35% @ 40 uM
$\text{H}_3\text{C}-\text{X}_1$	$\text{H}_3\text{C}-\text{X}_2$					$\text{X}_7-\text{Cl}$		%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM
	$\text{H}_3\text{C}-\text{X}_2$							%I > 35% @ 40 uM

Figure 3 (continued)

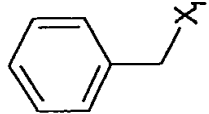

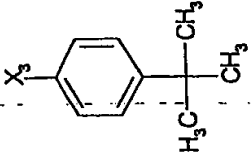
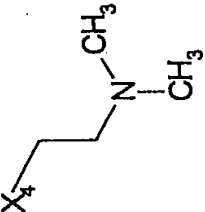
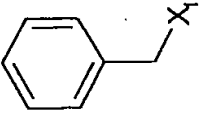

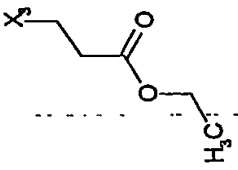
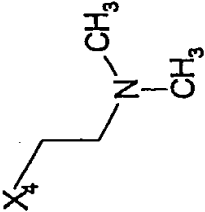
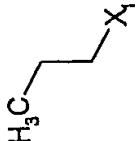

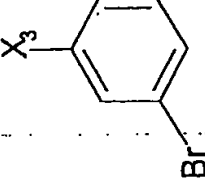
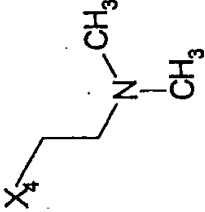
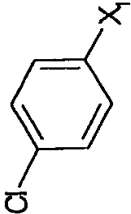

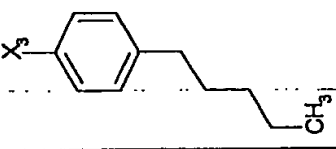
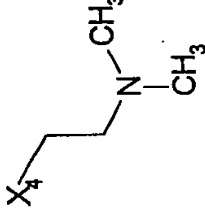
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM



Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)  
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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
	$H_3C-X_2$							%I > 35% @ 40 uM
	$H_3C-X_2$							%I > 35% @ 40 uM
	$H_3C-X_2$							%I > 35% @ 40 uM
	$H_3C-X_2$							%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM



Figure 3 (continued)

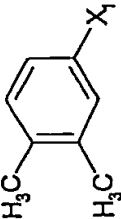

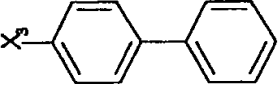
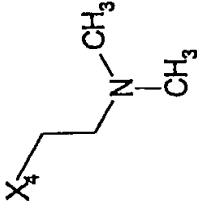
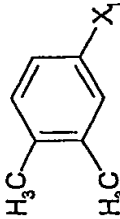

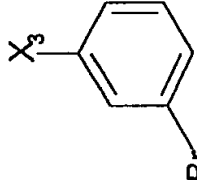
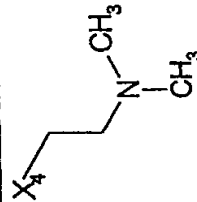
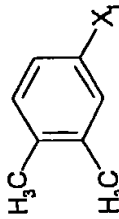
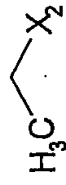
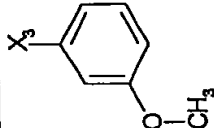
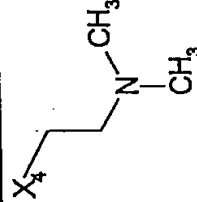
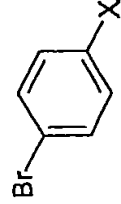
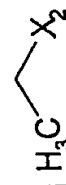
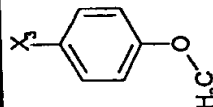
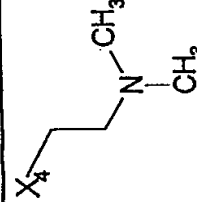
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

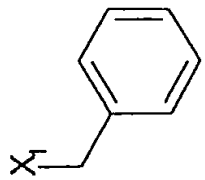
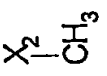
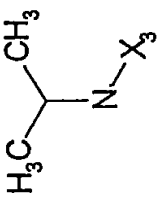
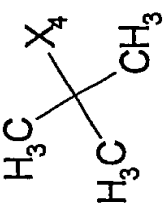
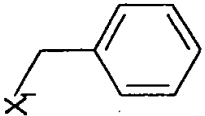
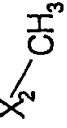

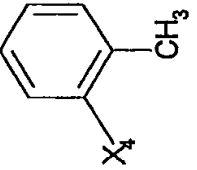
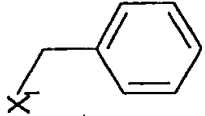
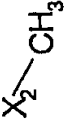
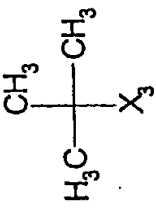
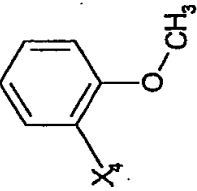
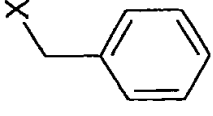

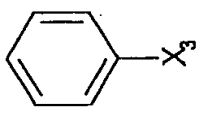
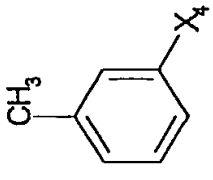
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)

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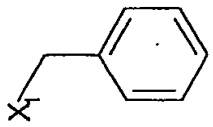
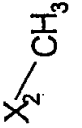
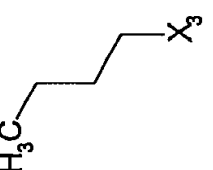
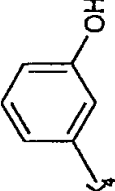
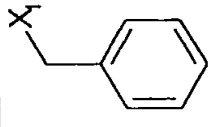
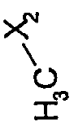
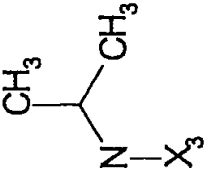
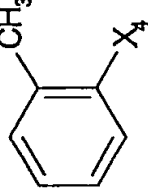
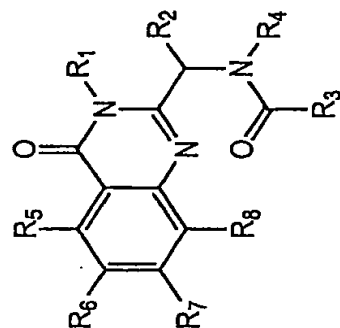
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								%I > 35% @ 40 uM
								%I > 35% @ 40 uM

Figure 3 (continued)



R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM



Figure 3 (continued)  
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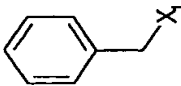
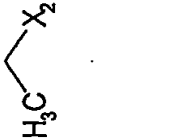

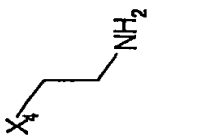

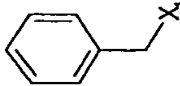
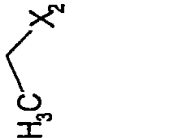

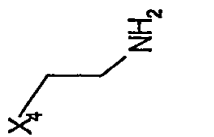

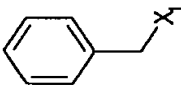
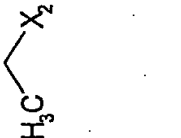
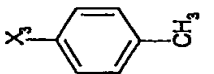
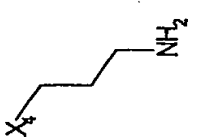

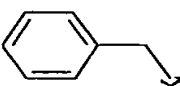
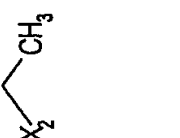
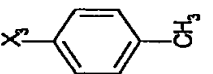
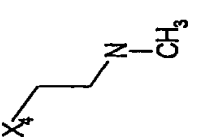

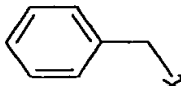
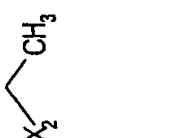
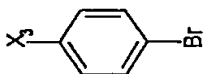
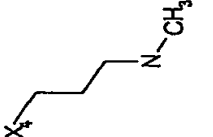

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)  
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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)  
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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM










Figure 3 (continued)



Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

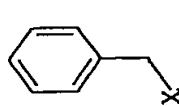
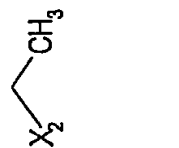
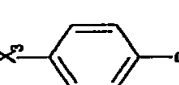
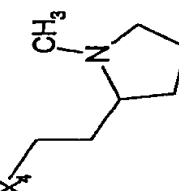
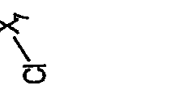
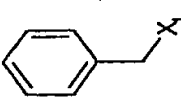
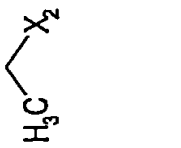
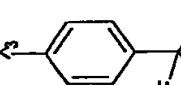
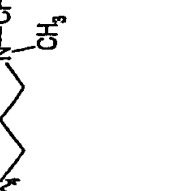

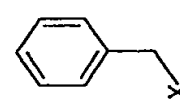
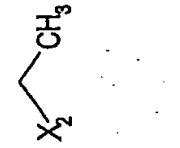
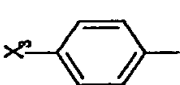
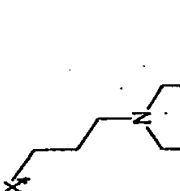
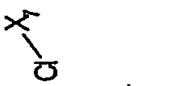
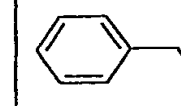
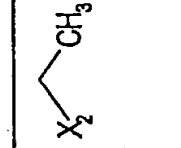
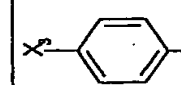
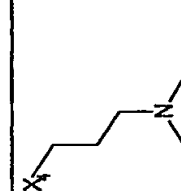
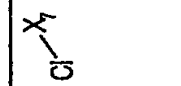
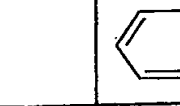
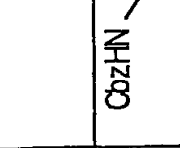
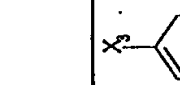
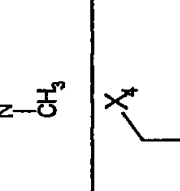
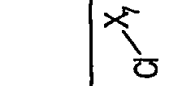
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)  
continued

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM



Figure 3 (continued)

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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 < 100 nM
								IC50 < 100 nM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM



Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC <sub>50</sub> = 100 nM-1 $\mu$ M
								IC <sub>50</sub> = 100 nM-1 $\mu$ M
								IC <sub>50</sub> = 100 nM-1 $\mu$ M
								IC <sub>50</sub> = 100 nM-1 $\mu$ M
								IC <sub>50</sub> = 100 nM-1 $\mu$ M

CC-001 Figure 3 (continued) 60

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

0022 Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 $\mu$ M
								IC50 = 100 nM-1 $\mu$ M
								IC50 = 100 nM-1 $\mu$ M
								IC50 = 100 nM-1 $\mu$ M
								IC50 = 100 nM-1 $\mu$ M





Table 1. Figure 3 (continued).

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 100 nM-1 uM
								IC50 = 1 uM-10 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1: Figure 3 (continued) 60

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 $\mu$ M-10 $\mu$ M
								IC50 = 1 $\mu$ M-10 $\mu$ M
								IC50 = 1 $\mu$ M-10 $\mu$ M
								IC50 = 1 $\mu$ M-10 $\mu$ M

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1. Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Table 1: Figure 3 (continued)

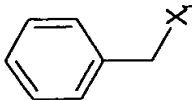

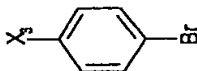
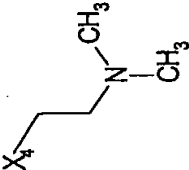
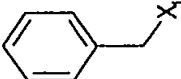
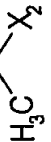

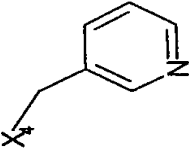

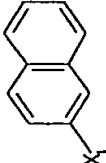

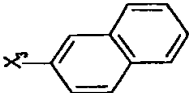
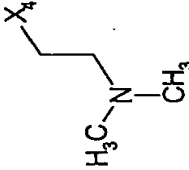
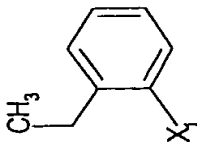

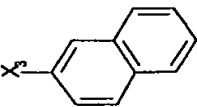
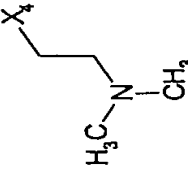
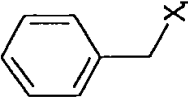

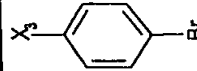
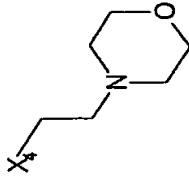
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM



Table 1: Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

000000 Figure 3 (continued) 60

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 1 uM-10 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 3 (continued)

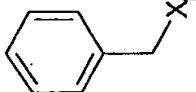


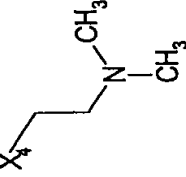
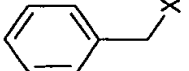


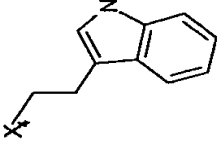

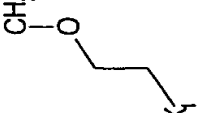

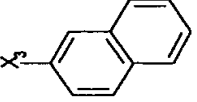
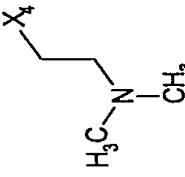
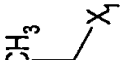


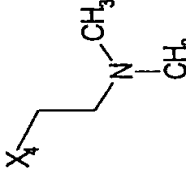

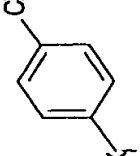

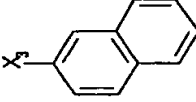
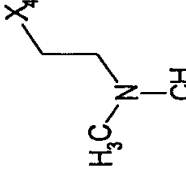
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued) 60

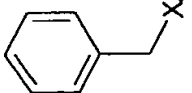

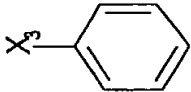
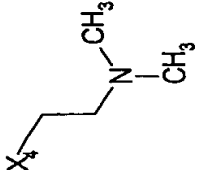
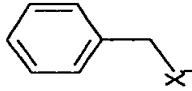

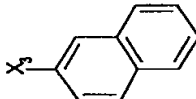
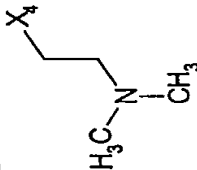
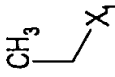
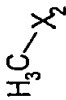

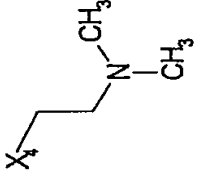

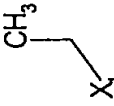

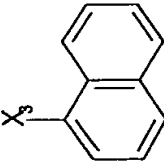
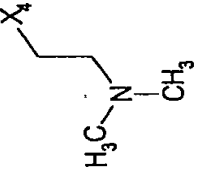

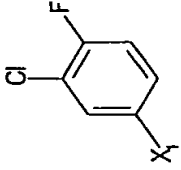

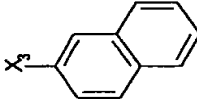
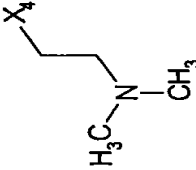
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1: Figure 3 (continued)

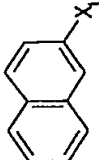

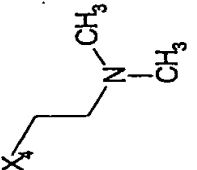
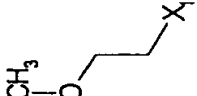
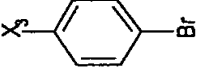
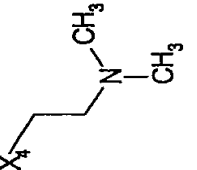
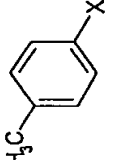

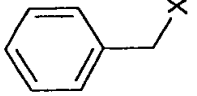
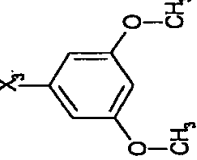
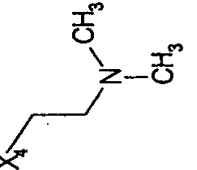
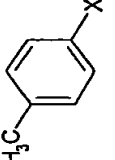

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
	$\text{H}_3\text{C}-\text{X}_2$							IC50 = 10 uM-50 uM
	$\text{H}_3\text{C}-\text{X}_2$							IC50 = 10 uM-50 uM
	$\text{H}_3\text{C}-\text{X}_2$		$\text{X}_4-\text{CH}_3$			$\text{X}_7-\text{Cl}$		IC50 = 10 uM-50 uM
	$\text{H}_3\text{C}-\text{X}_2$							IC50 = 10 uM-50 uM
	$\text{H}_3\text{C}-\text{X}_2$		$\text{X}_4-\text{CH}_3$			$\text{X}_7-\text{Cl}$		IC50 = 10 uM-50 uM



Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued) 60

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

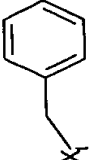
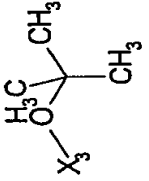
Table 1. Figure 3 (continued)

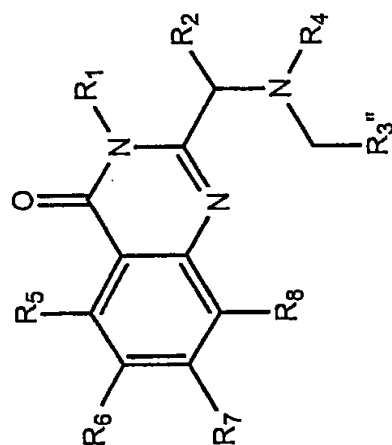
R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Table 1 Figure 3 (continued) 60

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM
								IC50 = 10 uM-50 uM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								IC50 = 10 uM-50 uM

[illegible]

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								K <sub>i</sub> < 100 nM
								K <sub>i</sub> < 100 nM
								K <sub>i</sub> < 100 nM
								K <sub>i</sub> < 100 nM
								K <sub>i</sub> < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM



Figure 3 (continued)

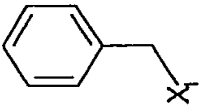
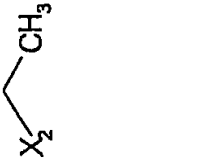

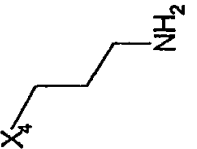
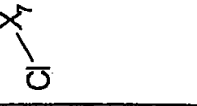
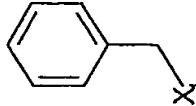
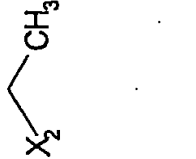
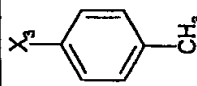
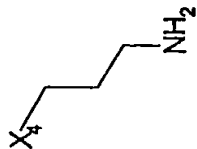
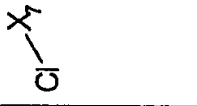
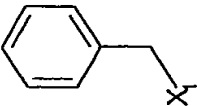
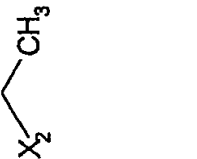
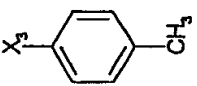
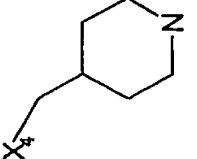

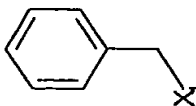
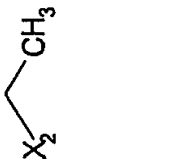
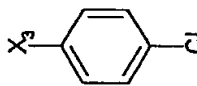
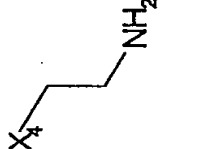

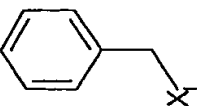
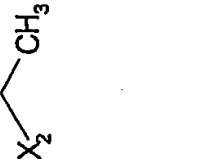
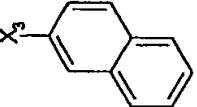
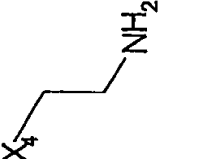

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> <sup>''</sup>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)  
continued

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> <sup>''</sup>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> <sup>''</sup>	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM
								KI < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

Figure 3 (continued)

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM

**Figure 3 (continued)**

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								Ki < 100 nM
								Ki < 100 nM
								Ki < 100 nM
								Ki = 100 nM-1 uM
								Ki = 100 nM-1 uM

Figure 3 (continued)

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R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub> "	R <sub>4</sub>	R <sub>5</sub>	R <sub>6</sub>	R <sub>7</sub>	R <sub>8</sub>	Activity
								K <sub>i</sub> = 100 nM-1 $\mu$ M
								K <sub>i</sub> = 100 nM-1 $\mu$ M
								K <sub>i</sub> = 100 nM-1 $\mu$ M
								K <sub>i</sub> = 1 $\mu$ M-10 $\mu$ M
								K <sub>i</sub> = 1 $\mu$ M-10 $\mu$ M



Figure 4: Asymmetric Synthesis

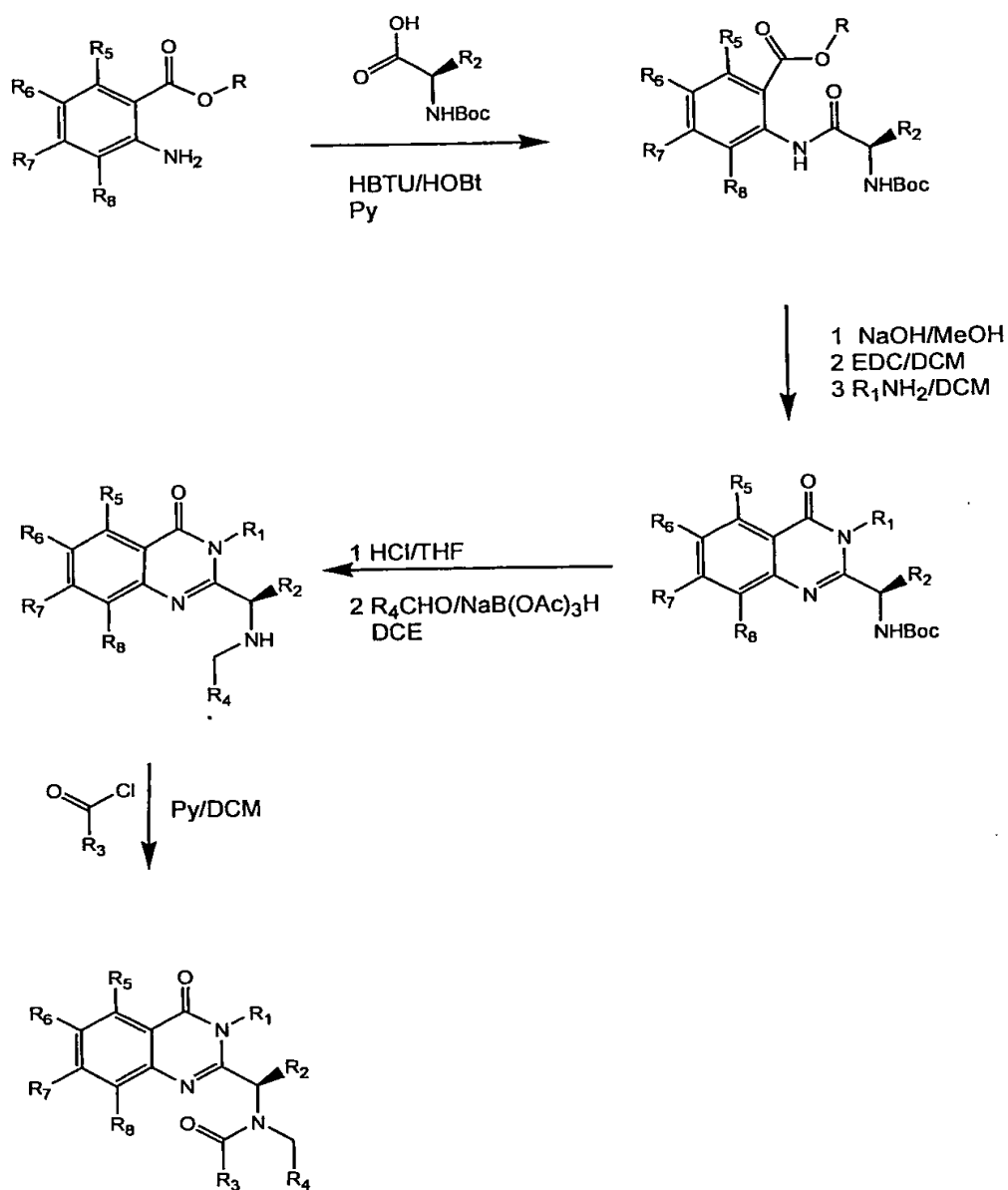
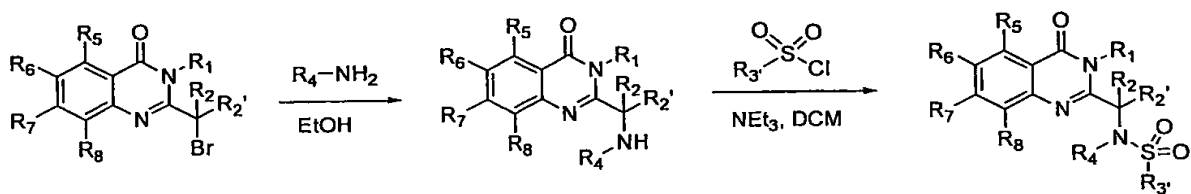


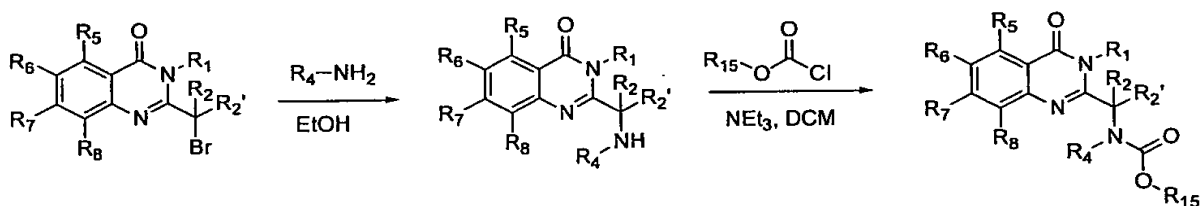
Figure 5

Figure 5a: Sulfonamide Synthesis



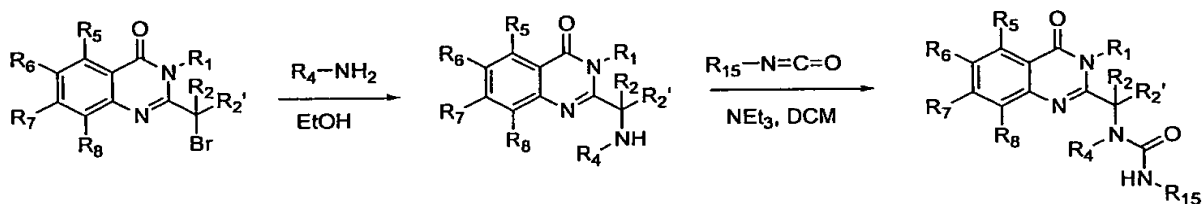
5

Figure 5b: Carbamate Synthesis



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Figure 5c: Urea Synthesis



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Figure 5d: Primary and Secondary Amine R4 Synthesis

